Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Currently amended) A heat exchanger ~~Heat exchange~~ element ~~(20)~~ comprising: ~~formed by~~ a stack of hollow plates formed by compression of an accordion-shaped polymer preform produced by thermo-blowing and having biconvex bellows; ~~(14) equipped with~~ two transverse feed manifolds connecting the stack of hollow plates and feeding into connecting branches, ~~connected to two connecting pipes (24-26)~~, wherein the stack of hollow plates and the two transverse feed manifolds form a single active part without assembly or welding, ~~characterized in that:~~

[[-]] ~~this element (20) is a single active part [(10)] without assembly or welding ;~~

[[-]] wherein the internal faces of the walls ~~(12a-b or 150a-b / 152a-b / 154a-b)~~ of all the hollow plates ~~(22 or 140-142)~~ are without contact with each other, and ~~the same applies to~~ the external faces of the walls of two contiguous hollow plates are without contact with each other ~~(140-142) ;~~,

[[-]] wherein the internal and external faces of the walls of all the hollow plates are at all points separated respectively from one another by narrow, substantially constant, spaces ~~(14 or 144);~~,

[[-]]

[[-]] wherein each hollow plate ~~(22)~~ is symmetrical with another hollow plate and both communicate through a side of channel ~~(16)~~ common to all the plates, in order to form a pair of hollow plates constituting an elementary conduit of ~~said~~ the active part ~~(10);~~,

[[-]] and wherein each elementary conduit ~~[~~of the single active part ~~(1)~~ has two ~~elongate~~ elongated hollow central portions ~~(23)~~, the ends of which are connected by two

hollow end connectors ~~(24-26)~~[[,]] through which the two transverse feed manifolds ~~feeding collectors (44-46)~~ of the heat exchanger element pass.

5. (Currently amended) ~~Elementary heat exchanger (20)~~ A heat exchanger element according to claim 4, ~~characterized in that~~ wherein the walls ~~(150a-b / 152a-b / 154a-b)~~ of the pairs of hollow plates ~~(140-142)~~ are embossed and globally symmetrical, but their medial longitudinal planes are perpendicular to their plane of symmetry.

6. (Currently amended) ~~Elementary heat exchanger (20)~~ A heat exchanger element according to claim 4, ~~characterized in that~~ wherein the walls ~~(150a-b / 152a-b / 154a-b) of the~~ of the pairs of hollow plates ~~(140-142)~~ are embossed and globally symmetrical, but their median longitudinal planes together form dihedrals of 120 to 160° and their end connectors ~~(24-26)~~ have been made from invertible surfaces.

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

Please add the following new claims:

11. (New) A heat exchanger comprising:

at least one single piece heat exchange element forming a heat exchange surface from a accordion-shaped, single piece, compressed preform produced by thermo-blowing and having biconvex bellows, wherein the at least one single piece heat exchange element internally forms a first confined fluid passage; and

a casing enclosed about the at least one single piece heat exchange element, wherein space between the casing and the at least one single piece heat exchange element forms a second confined fluid passage.

12. (New) The heat exchanger of claim 11 wherein each single piece heat exchange element forms an internal common channel and a plurality of stacked pairs of hollow plates

communicating through the internal common channel, each hollow plate of a pair extending in opposition to the other hollow plate of the pair from the internal common channel.